



Consulting Engineers & Scientists

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## ASBESTOS SURVEY REPORT

CITY OF HOUSTON FLEET MAINTENANCE AND SWAT FACILITY  
801 GILLETTE STREET  
HOUSTON, TEXAS

Terracon Project No. 92087499  
October 3, 2008

*Prepared for:*

CITY OF HOUSTON, BUILDING SERVICES DEPARTMENT  
900 BAGBY, 2nd FLOOR  
HOUSTON, TEXAS 77002

Prepared by

**Terracon Consultants, Inc.**

11555 Clay Road, Suite 100  
Houston, Texas 77043

Mustafa T. Birader  
Asbestos Inspector  
TDSHS License No. 60-2369

*Reviewed by:*

Kevin P. Maloney  
Senior Project Manager



Consulting Engineers & Scientists

October 3, 2008

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Mr. Gabriel Mussio  
Division Manager, Energy and Environmental Management Division  
City of Houston, Building Services Department  
900 Bagby, 2nd Floor  
Houston, Texas 77002

Phone: (713) 247-3232  
Fax: (713) 837-7338  
E-Mail: gabriel.mussio@cityofhouston.net

Re: Asbestos Survey Report  
City of Houston Fleet Maintenance and SWAT Facility  
801 Gillette Street  
Houston, Texas  
Terracon Project No. 92087499

Dear Mr. Mussio:

The purpose of this report is to present the results of an asbestos survey performed at the above referenced site. This survey was conducted in general accordance with our proposal dated August 5, 2008.

Terracon appreciates the opportunity to provide this service to the City of Houston. If you have any questions regarding this report, or if you need assistance with project oversight and sampling during demolition or renovation of this facility, please contact the undersigned at 713-939-6415.

Sincerely,

**Terracon Consultants, Inc.**

Kevin P. Maloney  
Houston Office  
kpmaloney@terracon.com

## TABLE OF CONTENTS

	Page No.
<b>EXECUTIVE SUMMARY</b>	
<b>1.0 INTRODUCTION .....</b>	<b>1</b>
<b>1.1 Project Objective.....</b>	<b>1</b>
<b>2.0 BUILDING DESCRIPTION .....</b>	<b>1</b>
<b>3.0 FIELD ACTIVITIES .....</b>	<b>3</b>
<b>3.1 Visual Assessment .....</b>	<b>3</b>
<b>3.2 Physical Assessment.....</b>	<b>3</b>
<b>3.3 Sample Collection.....</b>	<b>3</b>
<b>3.4 Sample Analysis.....</b>	<b>4</b>
<b>4.0 REGULATORY OVERVIEW .....</b>	<b>4</b>
<b>5.0 FINDINGS AND RECOMMENDATIONS .....</b>	<b>5</b>
<b>6.0 GENERAL COMMENTS.....</b>	<b>6</b>

### LIST OF APPENDICES

- Appendix A   Confirmed Asbestos-Containing Materials**
- Appendix B   Asbestos Analytical Laboratory Data**
- Appendix C   Licenses**

## EXECUTIVE SUMMARY

Client: City of Houston

Terracon Project No.: 92087499

Date of Survey: August 18 – August 19, 2008

Site: City of Houston Fleet Maintenance and SWAT Facility  
801 Gillette Street  
Houston, Texas

Description of Survey Area: Building interiors, exteriors and roofs.

Project Limitations: Materials and locations other than those stated within the report were not included in this scope of work. Additional limitations are included in the report.

Number of Bulk Samples: 189; analyzed through Polarized Light Microscopy (PLM) visual estimation (using “positive stop” methodology).

Inspector(s): Mustafa T. Birader - Texas Department State Health Services (TDSHS) No. 60-2369  
Jimmy Sumrall - Texas Department State Health Services (TDSHS) No. 60-1045

Laboratory: J3 Resources, Inc. (TDSHS No. 30-0273)

Identified ACM Materials: **SWAT Building** – Drywall texture/joint compound in the kitchen area and roofing material.  
**Vehicle Maintenance Building** (parts storage area 2<sup>nd</sup> floor) – Floor tile and mastic adjacent to the elevator.  
**Welding Shop** – Transite panel above the bay door.  
**Office Building Tire Storage** – Exterior door frame caulking.  
**Office Building** – Float, floor tile and mastic under carpet in the open office area, window glazing and mastic in the exterior planter adjacent to the office door.  
**Fueling Station** – Exterior transite panels and exterior door frame caulking.

Recommendations:

The identified ACM materials must be removed prior to renovation or demolition activities that may disturb them. The removal must:

- Be designed by a TDSHS-licensed asbestos consultant;
- Be performed under a 10-day notification to TDSHS;
- Be performed by a TDSHS-licensed asbestos contractor.

Air monitoring must be performed before, during, and subsequent to asbestos abatement activities, by a TDSHS-licensed asbestos consultant agency. A 10-day notification to TDSHS will also be required prior to demolition.

**Or,** The floor tile and mastic may be removed by appropriately trained workers using methods of the Resilient Floor Covering Institute (RFCI), provided that the floor tile is removed in an intact state. A 10-day notification must be submitted to the TDSHS.

**Or,** The floor tile and mastic materials may be left in place and covered by sheet flooring, floor tile, leveling compound, or carpet, so long as the floor tiles remain undisturbed.

**Or,** For the roofing materials, as long as the materials remain non-friable and in good condition, they may be removed by an informed and qualified general contractor, a roofing contractor, or an asbestos abatement contractor. The landfill should be made aware that these materials are considered Category I, non-friable asbestos materials.

If suspect asbestos-containing materials are discovered during the course of the renovation work that were not sampled as part of this inspection, they should not be disturbed until the presence of asbestos is either confirmed or denied by laboratory analysis.

This summary is provided for the convenience of the Client. It should be recognized that details were not included or fully developed in this section, and this report, including the appendices, must be read in its entirety for a complete understanding of the items contained herein.

# **ASBESTOS SURVEY REPORT**

## **CITY OF HOUSTON FLEET MAINTENANCE AND SWAT FACILITY 801 GILLETTE STREET HOUSTON, TEXAS**

**Terracon Project No. 92087499**

### **1.0 INTRODUCTION**

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the City of Houston buildings located at 801 Gillette Street, Houston, Texas. The survey was conducted on August 18 – 19, 2008, by State of Texas licensed asbestos inspectors in general accordance with Terracon Proposal No. P92-1568E-08 dated August 5, 2008. Interior and exterior building components were surveyed and homogeneous areas of suspect asbestos-containing materials (ACM) were visually identified and documented. Although reasonable effort was made to survey accessible suspect materials, additional suspect but unsampled materials could be located in walls, under carpet, in voids or in other concealed areas. Suspect ACM samples were collected in general accordance with the sampling protocols outlined in EPA regulation 40 CFR 763 (Asbestos Hazard Emergency Response Act, AHERA) and the Texas Asbestos Health Protection Rules (TAHPR). Samples were delivered to a State of Texas licensed laboratory for analysis by polarized light microscopy.

#### **1.1 Project Objective**

We understand this asbestos survey was requested because of the planned renovation or demolition of the buildings. The TAHPR require that an asbestos survey be performed prior to issuance of a city construction permit (Senate Bill 509) and prior to any renovation within or demolition of a building. EPA regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), prohibits the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP requires that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition activities.

### **2.0 BUILDING DESCRIPTION**

#### **SWAT Police Team Office Building**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior finish consists of brick and plaster. The roof is a built-up membrane system over plywood decking. Interior walls consist of gypsum wallboard and plaster with a painted finish. The concrete floor in the office, kitchen and restroom areas are finished with carpet and floor tile. Ceilings throughout the office areas are finished with ceiling texture on drywall.

#### **SWAT Police Team Storage Building**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior, interior and roof finishes consist of wood. The concrete floor throughout the building is unfinished.

### **Service Writers Building**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior walls and roof are finished with metal sheets. The stand-alone Service Writer's office is located within the metal building and is finished with gypsum wallboard with a fiberglass reinforced panel (FRP) finish. The wood floor in the office area is finished with floor tile covered with carpet. The ceiling throughout the office area is finished with 2' x 2' ceiling tile.

### **Vehicle Wash Area, West Bay**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior walls and bays are finished with CMU blocks. The roof is finished with metal sheets.

### **Maintenance and Truck Repair Building**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior walls and roof are finished with metal sheets. The stand-alone Manager's office is located within the metal building and is finished with gypsum wallboard with a FRP finish. The wood floor in the office area is finished with floor tile covered with carpet. The ceiling throughout the office area is finished with 2' x 2' ceiling tile.

### **Maintenance and Parts Storage Building**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior walls and roof are finished with metal sheets. The lunch room and restrooms are located within the metal building and are finished with gypsum wallboard. Ceiling throughout the lunch room area are finished with 2' x 2' ceiling tile. The floor in the second floor parts storage area is finished with wood panels and a small area adjacent to the parts elevator is finished with floor tile.

### **Maintenance Equipment Building**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior walls and roof are finished with metal sheets. The stand-alone Manager's office is located within the metal building and is finished with gypsum wallboard with a FRP finish. The wood floor in the office area is finished with floor tile covered with carpet. The ceiling throughout the office area is finished with 2' x 2' ceiling tile.

### **Welding Shop**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The exterior walls and roof are finished with metal sheets and plaster. The bay doors are finished with wood and the soffit panels above the bay doors are finished with transite panels.

### **Office and Tire Storage Building**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The roof is a white rubber membrane over wood decking. Interior walls consist of concrete and gypsum wallboard with a painted finish. The concrete floor in the office area and restroom areas are finished with carpet and floor tile. Ceilings throughout the office area are finished with a suspended ceiling containing 2' x 2' ceiling tile.

### **Fueling Station**

The building is a single-story, masonry block structure atop a poured concrete floor slab. The roof is finished with metal sheets. The exterior finish of the cashier's building consists of

transite panels and glass. The interior walls are finished with gypsum wallboard and plaster with a painted finish. Ceilings in the restroom and storage area are finished with drywall with a painted finish.

### **3.0 FIELD ACTIVITIES**

The survey was conducted by Mustafa T. Birader and Jimmy Sumrall, both TDSHS licensed asbestos inspectors. Copies of their licenses are attached as Appendix C. The survey was conducted in general accordance with the sample collection protocols established in AHERA and as required by TAHPR. A summary of survey activities is provided below.

#### **3.1 Visual Assessment**

Our survey activities began with visual observation of the interior and exterior of the buildings to identify apparent homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, texture and date of application. Interior assessment was conducted throughout visually accessible areas of the buildings.

Building materials identified as concrete, glass, wood, masonry, metal or rubber are not considered suspect ACM.

#### **3.2 Physical Assessment**

A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material that can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

#### **3.3 Sample Collection**

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with AHERA sampling protocols and the TAHPR. Random samples of suspect materials were collected in each homogeneous area. Terracon collected bulk samples using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

One hundred eighty-nine (189) bulk samples were collected from sixty-one (61) homogeneous areas of suspect ACM. Bulk samples were collected from the following suspect materials identified:

- Ceiling tile
- Drywall texture/joint compound
- Baseboard adhesive
- Floor tile and associated mastic
- Carpet adhesive
- Tectum board, roof deck



- Pipe insulation
- Pipe insulation mastic
- HVAC duct mastic
- Exterior wall texture
- Exterior caulking, expansion joint
- Roofing materials
- Door frame caulking
- Window frame caulking
- Window glazing
- Transite panels
- Exterior planter

A summary of suspect ACM samples collected during the survey is presented in the Chain of Custody included in Appendix B.

### **3.4 Sample Analysis**

Bulk samples were submitted under chain of custody to J3 Resources, Inc. (J3) of Houston, Texas, for analysis by polarized light microscopy with dispersion staining techniques per method EPA/600/R-93/116. The percentage of asbestos, where applicable, was determined by microscopical visual estimation. J3 is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation No. 200525-0) and licensed by the TDSHS (TDSHS No. 30-0273).

For some materials, the laboratory was instructed to analyze samples from each homogeneous area until the first sample containing asbestos was identified ("positive stop"). If one sample contains asbestos, then the entire homogeneous area is determined to contain asbestos.

## **4.0 REGULATORY OVERVIEW**

The asbestos NESHAP regulates asbestos fiber emissions and asbestos waste disposal practices. It also requires the identification and classification of existing building materials prior to demolition or renovation activity. Under NESHAP, asbestos-containing building materials are classified as either friable, Category I non-friable or Category II non-friable ACM. Friable materials are those that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure. Category I non-friable ACM include packings, gaskets, resilient floor coverings and asphalt roofing products containing more than 1% asbestos. Category II non-friable ACM are any materials other than Category I materials that contain more than 1% asbestos.

Friable ACM, Category I and Category II non-friable ACM that are in poor condition and have become friable or which will be subjected to drilling, sanding, grinding, cutting or abrading and which could be crushed or pulverized during anticipated renovation or demolition activities are considered regulated ACM (RACM).

In the state of Texas, asbestos activities are regulated by the TDSHS under TAHPR. The TAHPR require that any asbestos-related activity conducted in a public building be performed by

personnel licensed by the TDSHS. Asbestos abatement must be preformed by TDSHS-licensed asbestos abatement contractors in accordance with a project design prepared by a TDSHS-licensed asbestos consultant. Third-party air monitoring must be conducted during the abatement activities by a TDSHS-licensed asbestos consultant agency. Management Plans developed for the in-place management of asbestos-containing materials must be developed by a TDSHS-licensed management planner.

RACM must be removed prior to renovation or demolition activities that will disturb the materials. The owner or operator must provide the TDSHS with written notification of planned removal activities at least 10 working days prior to the commencement of asbestos abatement activities. Removal of RACM must be conducted by a State of Texas licensed asbestos abatement contractor. In addition, third party air monitoring must be performed prior to, during, and following the abatement.

The Occupational Safety & Health Administration (OSHA) Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos fibers per cubic centimeter of air (0.1 f/cc). The OSHA standard classifies construction and maintenance activities which could disturb ACM, and specifies work practices and precautions that employers must follow when engaging in each class of regulated work. States that administer their own federally-approved state OSHA programs may require additional precautions.

## **5.0 FINDINGS AND RECOMMENDATIONS**

Based on the results of the laboratory analysis, the following materials were confirmed as containing asbestos:

### **SWAT Building**

- Drywall/joint compound
- Roofing material

### **Vehicle Maintenance Building (parts storage area 2<sup>nd</sup> floor)**

- Floor tile and mastic

### **Welding Shop**

- Transite panels

### **Office Building – Tire Storage Area**

- Exterior door frame caulking

### **Office Building**

- Float, floor tile and mastic under carpet
- Window glazing
- Exterior planter adjacent to the office door

#### Fueling Station

- Exterior transite panels
- Exterior door frame caulking

The asbestos-containing drywall joint compound materials are considered RACM in good condition. The asbestos-containing roofing materials are considered Category I non-friable ACM in good condition. The asbestos-containing floor tile, black mastic, transite panel, window glazing and door frame caulking are considered Category II non friable ACM. A summary of the classification and condition of identified ACM are presented in Appendix A. Laboratory analytical reports are included in Appendix B.

Because demolition or renovation activities may crush or pulverize the Category I and Category II materials, they must be removed prior to such activities. Category I non-friable roofing materials in good condition may be removed by a qualified roofing contractor provided that rotating cutters are not used and the material is sliced and rolled into manageable sections for disposal. The landfill receiving the roofing ACM roofing materials must be notified of the asbestos content. The damaged transite panels, floor tile, mastic, window glazing and door frame caulking should be removed by a qualified asbestos abatement contractor prior to demolition of the structure in accordance with a project design prepared by a licensed asbestos consultant. Licensed asbestos abatement contractors should be contacted to obtain competitive bids for removal of the asbestos containing building materials.

If requested, Terracon can provide City of Houston with a proposal for developing asbestos abatement specifications and for performing abatement oversight and air monitoring.

## 6.0 GENERAL COMMENTS

This asbestos survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed, and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the City of Houston for specific application to their project as discussed. **This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary.** Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied, is made.

## APPENDIX A

### CONFIRMED ASBESTOS-CONTAINING MATERIALS

**CITY OF HOUSTON  
801 GILLETTE STREET  
HOUSTON, TEXAS**

**Terracon Project No. 92087499**

Sample No.	Description	Material Location	Percent/Type Asbestos	NESHAP Classification	Condition
4 - 8	Drywall/joint compound	SWAT building kitchen	Texture - 2% Chrysotile Joint Compound - 2% Chrysotile	RACM	Good
32 - 34	Roofing material	SWAT building roof	4% Chrysotile	Category I Non-Friable	Good
86 - 88	Black mastic associated with brown floor tile	Vehicle maintenance, parts 2 <sup>nd</sup> floor storage, only adjacent to the elevator	Mastic - 4% Chrysotile Tile - ND	Category I Non-Friable	Damaged
89 - 91	White floor tile and black mastic	Vehicle maintenance, parts 2 <sup>nd</sup> floor storage, only adjacent to the elevator	Mastic - 4% Chrysotile Tile - 4% Chrysotile	Category I Non-Friable	Damaged
104 - 106	Transite panels	Welding shop, soffit above bay doors	30% Chrysotile	Category II Non-Friable	Damaged
116 - 118	Exterior door frame caulking	Office building, tire storage area	4% Chrysotile	Category II Non-Friable	Damaged
142 - 144 187 - 189	Float, floor tile and black mastic under carpet	Office building, open office area	Float - 5% Chrysotile Tile - 5% Chrysotile Mastic - 3% Chrysotile	Category II Non-Friable	Good
160 - 162	Window glazing	Office building, front and back windows	4% Chrysotile	Category II Non-Friable	Damaged
166 - 168	Black mastic	Planter, outside office building	8% Chrysotile	Category II Non-Friable	Damaged
178 - 180	Transite panels	Fueling Station	25% Chrysotile	Category II Non-Friable	Damaged
184 - 186	Exterior door frame caulking	Fueling Station	2% Chrysotile	Category II Non-Friable	Damaged

Category I: Includes asbestos-containing packings, gaskets, asphaltic roofing products and resilient flooring

Category II: Includes non-friable ACM materials other than Category I materials that contain more than 1% asbestos

**APPENDIX B**

**ASBESTOS LABORATORY ANALYTICAL REPORTS**

**J3 Resources, Inc.**  
 6110 W. 34th Street, Houston, Texas 77092  
 Phone: (713) 290-0221 - Fax: (713) 290-0248  
 J3Resources.com



## **Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

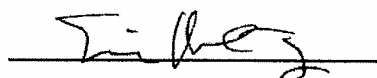
**EPA 600/M4-82-020; 600/R-93/116**


**Kevin Maloney**  
**Terracon Consultants Inc.**  
**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823893  
**Date Received:** 19-Aug-2008  
**Date Analyzed:** 22-Aug-2008  
**Date Reported:** 25-Aug-2008

### **COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
1		Caulking, White, Homogeneous	No		Other Non-Fibrous Material 100%
2		Caulking, White, Homogeneous	No		Other Non-Fibrous Material 100%
3		Caulking, White, Homogeneous	No		Other Non-Fibrous Material 100%
4		Texture, White/ Tan, Homogeneous	Yes	Chrysotile 2%	Other Non-Fibrous Material 98%
5		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Tape, White, Homogeneous	No		Cellulose Fiber 100%
		LAYER 3 Joint Compound, Tan, Homogeneous	Yes	Chrysotile 2%	Other Non-Fibrous Material 98%
		LAYER 4 Wallboard, Brown/ White, Homogeneous	No		Fibrous Glass <1% Cellulose Fiber 10% Other Non-Fibrous Material 90%
6		Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%

  
 Eric Montoya Analyst

  
 Lee W. Poye Lab Director

This report relates only to the materials tested. This report is for the exclusive use of the addressed client and shall not be reproduced except in full, without written approval by J3 Resources, Inc. (J3). Samples are analyzed according to EPA test methods listed above and are subject to the inherent limitations of Polarized Light Microscopy and interference of matrix components. J3 recommends TEM confirmation of non-friable organically bound materials reported as < 1% by PLM. All samples received in good condition unless otherwise noted. This report shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

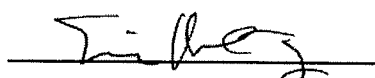
**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**  
**EPA 600/M4-82-020; 600/R-93/116**


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7		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Tape, White, Homogeneous	No		Cellulose Fiber 100%
		LAYER 3 Joint Compound, Tan, Homogeneous	Yes	Chrysotile 2%	Other Non-Fibrous Material 98%
		LAYER 4 Wallboard, Brown/ White, Homogeneous	No		Fibrous Glass <1% Cellulose Fiber 10% Other Non-Fibrous Material 90%
8		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Joint Compound, Tan, Homogeneous	No	Chrysotile <1%	Other Non-Fibrous Material 100%
		LAYER 3 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
9		Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%

  
Eric Montoya Analyst

  
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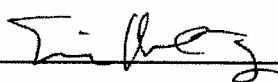
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10		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
11		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
12		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
13		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%

  
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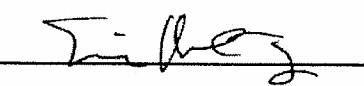
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**COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
14		Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
15		Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
16		Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
17		Board, Brown/ White, Homogeneous	No		Other Non-Fibrous Material 100%
18		Board, Brown/ White, Homogeneous	No		Other Non-Fibrous Material 100%
19		Board, Brown/ White, Homogeneous	No		Other Non-Fibrous Material 100%
20		LAYER 1 Tile, Tan, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow/ Black, Homogeneous	No	Chrysotile <1%	Other Non-Fibrous Material 100%

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

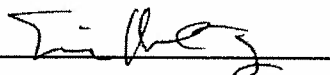
**EPA 600/M4-82-020; 600/R-93/116**

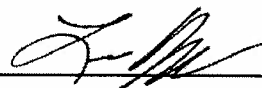
**Kevin Maloney**  
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**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823893  
**Date Received:** 19-Aug-2008  
**Date Analyzed:** 22-Aug-2008  
**Date Reported:** 25-Aug-2008

**COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
21		LAYER 1 Tile, Tan, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow/ Black, Homogeneous	No	Chrysotile <1%	Other Non-Fibrous Material 100%
22		LAYER 1 Tile, Tan, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow/ Black, Homogeneous	No	Chrysotile <1%	Other Non-Fibrous Material 100%
23		Mastic, Beige, Homogeneous	No		Other Non-Fibrous Material 100%
24		Mastic, Beige, Homogeneous	No		Other Non-Fibrous Material 100%
25		Mastic, Beige, Homogeneous	No		Other Non-Fibrous Material 100%
26		Mastic, White, Homogeneous	No		Other Non-Fibrous Material 100%
27		Mastic, White, Homogeneous	No		Other Non-Fibrous Material 100%

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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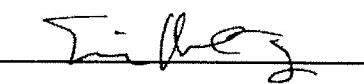
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Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
28		Mastic, White, Homogeneous	No		Other Non-Fibrous Material 100%
29		Caulking, Gray, Homogeneous	No		Wollastonite 7% Other Non-Fibrous Material 93%
30		Caulking, Gray, Homogeneous	No		Wollastonite 7% Other Non-Fibrous Material 93%
31		Caulking, Gray, Homogeneous	No		Wollastonite 7% Other Non-Fibrous Material 93%
32		Roofing, Black, Homogeneous	No		Cellulose Fiber 5% Other Non-Fibrous Material 95%
33		Roofing, Black, Homogeneous	Yes	Chrysotile 4%	Cellulose Fiber 2% Other Non-Fibrous Material 94%
34		Roofing, Sample Not Analyzed			
35		Concrete, Gray, Homogeneous	No		Other Non-Fibrous Material 100%

  
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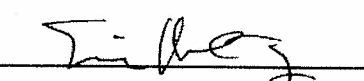
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36		Concrete, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
37		Concrete, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
38		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
39		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
40		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
41		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%

  
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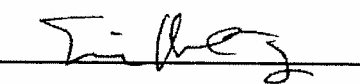
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42		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
43		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
44		LAYER 1 Baseboard, Brown/ Black, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
45		LAYER 1 Baseboard, Brown/ Black, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
46		LAYER 1 Baseboard, Brown/ Black, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%

  
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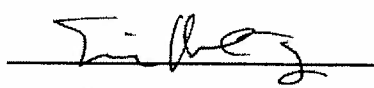
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47		Painted Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
48		Painted Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
49		Painted Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
50		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
51		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
52		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
53		Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
54		Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%

  
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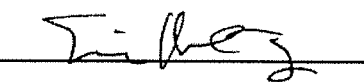
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55		Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
56		LAYER 1 Baseboard, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
57		LAYER 1 Baseboard, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
58		LAYER 1 Baseboard, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
59		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
60		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%

  
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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

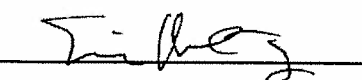
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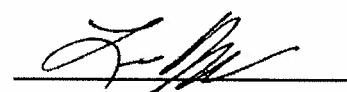
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61		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
62		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
63		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
64		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
65		Tape, Black, Homogeneous	No		Cellulose Fiber 5% Other Non-Fibrous Material 95%
66		Tape, Black, Homogeneous	No		Cellulose Fiber 5% Other Non-Fibrous Material 95%

  
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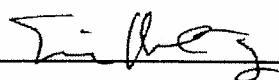
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67		Tape, Black, Homogeneous	No		Cellulose Fiber 5% Other Non-Fibrous Material 95%
68		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
69		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
70		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
71		Wrap, Gray/ White/ Silver, Homogeneous	No		Cellulose Fiber 25% Other Non-Fibrous Material 75%
72		Wrap, Gray/ White/ Silver, Homogeneous	No		Cellulose Fiber 25% Other Non-Fibrous Material 75%

  
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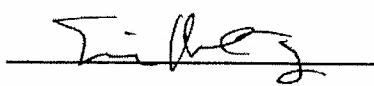
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Sample ID.#	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
73		LAYER 1 Wrap, Gray/ White/ Silver, Homogeneous	No		Cellulose Fiber 25% Other Non-Fibrous Material 75%
		LAYER 2 Mastic, Black, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 3 Insulation, Yellow, Homogeneous	No		Fibrous Glass 100%
74		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
75		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
76		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
77		Wallboard, White, Homogeneous	No		Fibrous Glass 2% Other Non-Fibrous Material 98%

  
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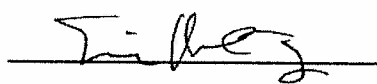
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78		LAYER 1 Texture, Gray/ White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
79		LAYER 1 Texture, Gray/ White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Tape, White, Homogeneous	No		Cellulose Fiber 100%
		LAYER 3 Joint Compound, White, Homogeneous	No		Other Non-Fibrous Material 100%
80		Mastic, White, Homogeneous	No		Synthetic Fiber 4% Other Non-Fibrous Material 96%
81		Mastic, White, Homogeneous	No		Synthetic Fiber 4% Other Non-Fibrous Material 96%
82		Mastic, White, Homogeneous	No		Synthetic Fiber 4% Other Non-Fibrous Material 96%

  
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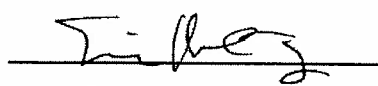
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83		Mastic, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
84		Mastic, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
85		Mastic, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
86		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Black, Homogeneous	Yes	Chrysotile .4%	Other Non-Fibrous Material 96%
87		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Sample Not Analyzed			
88		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Sample Not Analyzed			

  
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6110 W. 34th Street, Houston, Texas 77092  
Phone: (713) 290-0221 - Fax: (713) 290-0248  
J3Resources.com



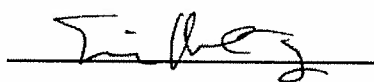
**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**  
**EPA 600/M4-82-020; 600/R-93/116**


**Kevin Maloney**  
**Terracon Consultants Inc.**  
**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823893  
**Date Received:** 19-Aug-2008  
**Date Analyzed:** 22-Aug-2008  
**Date Reported:** 25-Aug-2008

**COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
89		LAYER 1 Tile, White, Homogeneous	Yes	Chrysotile 4%	Other Non-Fibrous Material 96%
		LAYER 2 Mastic, Black, Homogeneous	Yes	Chrysotile 4%	Other Non-Fibrous Material 96%
90		Flooring, Sample Not Analyzed			
91		Flooring, Sample Not Analyzed			
92		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
93		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
94		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
95		Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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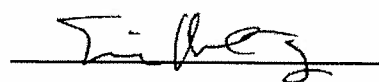
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96		Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
97		Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
98		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
99		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
100		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
101		Sealant, White, Homogeneous	No		Other Non-Fibrous Material 100%
102		Sealant, White, Homogeneous	No		Other Non-Fibrous Material 100%

  
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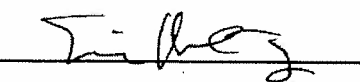
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Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
103		Sealant, White, Homogeneous	No		Other Non-Fibrous Material 100%
104		Transite, Gray/ White, Homogeneous	Yes	Chrysotile 30%	Other Non-Fibrous Material 70%
105		Transite, Sample Not Analyzed			
106		Transite, Sample Not Analyzed			
107		Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
108		Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
109		Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%

  
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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

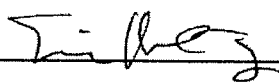
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110		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
111		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
112		LAYER 1 Tile, Brown, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
113		Painted Wallboard, Gray/ Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
114		Painted Wallboard, Gray/ Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%

  
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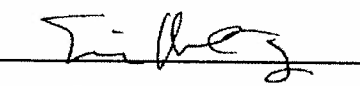
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115		Painted Wallboard, Gray/ Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
116		Caulking, White/ Tan, Homogeneous	Yes	Chrysotile 4%	Other Non-Fibrous Material 96%
117		Caulking, Sample Not Analyzed			
118		Caulking, Sample Not Analyzed			
119		Caulking, White, Homogeneous	No		Other Non-Fibrous Material 100%
120		Caulking, White, Homogeneous	No		Other Non-Fibrous Material 100%
121		Caulking, White, Homogeneous	No		Other Non-Fibrous Material 100%
122		LAYER 1 Tile, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%

  
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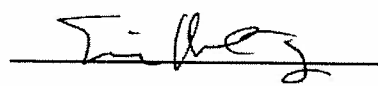
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### **COH - 801 GILLETTE ST**

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123		LAYER 1 Tile, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
124		LAYER 1 Tile, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
125		Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
126		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
127		LAYER 1 Tile, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
128		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%

  
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Lee W. Poye Lab Director

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Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
129		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
130		Ceiling Tile, White/ Gray, Homogeneous	No		Cellulose Fiber 45% Fibrous Glass 10% Other Non-Fibrous Material 45%
131		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Tape, Beige, Homogeneous	No		Cellulose Fiber 100%
		LAYER 3 Joint Compound, White, Homogeneous	No		Other Non-Fibrous Material 100%
132		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Tape, Beige, Homogeneous	No		Cellulose Fiber 100%
		LAYER 3 Joint Compound, White, Homogeneous	No		Other Non-Fibrous Material 100%

  
Eric Montoya

Analyst

  
Lee W. Poye

Lab Director

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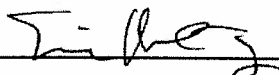
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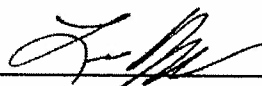
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133		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Tape, Beige, Homogeneous	No		Cellulose Fiber 100%
		LAYER 3 Joint Compound, White, Homogeneous	No		Other Non-Fibrous Material 100%
134		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
135		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
136		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%

  
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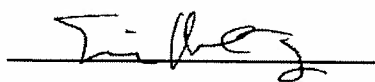
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137		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
138		LAYER 1 Texture, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Wallboard, Brown/ White, Homogeneous	No		Cellulose Fiber 10% Fibrous Glass <1% Other Non-Fibrous Material 90%
139		LAYER 1 Cove Base, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Tan, Homogeneous	No		Other Non-Fibrous Material 100%
140		LAYER 1 Cove Base, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Tan, Homogeneous	No		Other Non-Fibrous Material 100%

  
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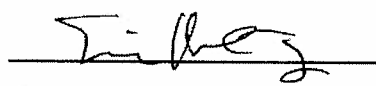
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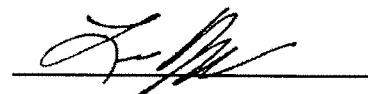
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Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
141		LAYER 1 Cove Base, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Tan, Homogeneous	No		Other Non-Fibrous Material 100%
142		LAYER 1 Mastic, Yellow, Homogeneous	No		Synthetic Fiber <1% Other Non-Fibrous Material 100%
		LAYER 2 Tile, Gray, Homogeneous	Yes	Chrysotile 5%	Other Non-Fibrous Material 95%
143		LAYER 1 Mastic, Yellow, Homogeneous	No		Synthetic Fiber <1% Other Non-Fibrous Material 100%
		LAYER 2 Tile, Gray, Homogeneous	Yes	Chrysotile 5%	Other Non-Fibrous Material 95%
144		LAYER 1 Mastic, Yellow, Homogeneous	No		Synthetic Fiber <1% Other Non-Fibrous Material 100%
		LAYER 2 Tile, Gray, Homogeneous	Yes	Chrysotile 5%	Other Non-Fibrous Material 95%
145		LAYER 1 Tile, Cream, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%

  
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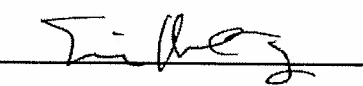
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146		LAYER 1 Tile, Cream, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
147		LAYER 1 Tile, Cream, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Yellow, Homogeneous	No		Other Non-Fibrous Material 100%
148		Foil/ Mastic, Silver/ Black, Homogeneous	No		Cellulose Fiber 25% Fibrous Glass 2% Other Non-Fibrous Material 73%
149		Foil/ Mastic, Silver/ Black, Homogeneous	No		Cellulose Fiber 25% Fibrous Glass 2% Other Non-Fibrous Material 73%
150		Foil/ Mastic, Silver/ Black, Homogeneous	No		Cellulose Fiber 25% Fibrous Glass 2% Other Non-Fibrous Material 73%
151		Mastic Wrap, White, Homogeneous	No		Cellulose Fiber 30% Other Non-Fibrous Material 70%

  
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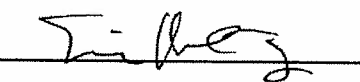
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152		Mastic Wrap, White, Homogeneous	No		Cellulose Fiber 30% Other Non-Fibrous Material 70%
153		Mastic Wrap, White, Homogeneous	No		Cellulose Fiber 30% Other Non-Fibrous Material 70%
154		Ceiling Tile, White/ Brown, Homogeneous	No		Cellulose Fiber 98% Other Non-Fibrous Material 2%
155		Ceiling Tile, White/ Brown, Homogeneous	No		Cellulose Fiber 98% Other Non-Fibrous Material 2%
156		Ceiling Tile, White/ Brown, Homogeneous	No		Cellulose Fiber 98% Other Non-Fibrous Material 2%
157		Caulking, Brown/ Gray, Homogeneous	No		Other Non-Fibrous Material 100%
158		Caulking, Brown/ Gray, Homogeneous	No		Other Non-Fibrous Material 100%
159		Caulking, Brown/ Gray, Homogeneous	No		Other Non-Fibrous Material 100%

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

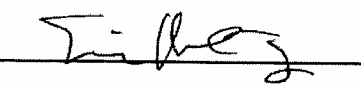
**EPA 600/M4-82-020; 600/R-93/116**


**Kevin Maloney**  
**Terracon Consultants Inc.**  
**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823893  
**Date Received:** 19-Aug-2008  
**Date Analyzed:** 22-Aug-2008  
**Date Reported:** 25-Aug-2008

**COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
160		Window Glazing, Gray, Homogeneous	Yes	Chrysotile 4%	Other Non-Fibrous Material 96%
161		Window Glazing, Gray, Homogeneous Sample Not Analyzed			
162		Window Glazing, Gray, Homogeneous Sample Not Analyzed			
163		Caulking, Gray, Homogeneous	No		Talc 2% Other Non-Fibrous Material 98%
164		Caulking, Gray, Homogeneous	No		Talc 2% Other Non-Fibrous Material 98%
165		Caulking, Gray, Homogeneous	No		Talc 2% Other Non-Fibrous Material 98%
166		Mastic, Black, Homogeneous	Yes	Chrysotile 8%	Other Non-Fibrous Material 92%
167		Mastic, Black, Homogeneous Sample Not Analyzed			

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

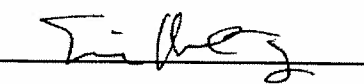
**EPA 600/M4-82-020; 600/R-93/116**


**Kevin Maloney**  
**Terracon Consultants Inc.**  
**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823893  
**Date Received:** 19-Aug-2008  
**Date Analyzed:** 22-Aug-2008  
**Date Reported:** 25-Aug-2008

**COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
168		Mastic, Black, Homogeneous Sample Not Analyzed			
169		Painted Concrete, White/ Gray, Homogeneous	No		Other Non-Fibrous Material 100%
170		Painted Concrete, White/ Gray, Homogeneous	No		Other Non-Fibrous Material 100%
171		Painted Concrete, White/ Gray, Homogeneous	No		Other Non-Fibrous Material 100%
172		LAYER 1 Roof Material, White, Homogeneous	No		Synthetic Fiber 20% Other Non-Fibrous Material 80%
		LAYER 2 Caulking, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
173		LAYER 1 Roof Material, White, Homogeneous	No		Synthetic Fiber 20% Other Non-Fibrous Material 80%
		LAYER 2 Caulking, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
174		LAYER 1 Roof Material, White, Homogeneous	No		Synthetic Fiber 20% Other Non-Fibrous Material 80%
		LAYER 2 Caulking, Gray, Homogeneous	No		Other Non-Fibrous Material 100%

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

**EPA 600/M4-82-020; 600/R-93/116**

**Kevin Maloney**  
**Terracon Consultants Inc.**  
**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823893  
**Date Received:** 19-Aug-2008  
**Date Analyzed:** 22-Aug-2008  
**Date Reported:** 25-Aug-2008

**COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
175		LAYER 1 Mastic, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 3 Mastic, Black, Homogeneous	No		Cellulose Fiber 4% Other Non-Fibrous Material 96%
176		LAYER 1 Mastic, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, White, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 3 Mastic, Black, Homogeneous	No		Cellulose Fiber 4% Other Non-Fibrous Material 96%
177		LAYER 1 Mastic, Gray, Homogeneous	No		Other Non-Fibrous Material 100%
		LAYER 2 Mastic, Black, Homogeneous	No		Cellulose Fiber 4% Other Non-Fibrous Material 96%
178		Transite, Gray, Homogeneous	Yes	Chrysotile 25%	Other Non-Fibrous Material 75%
179		Transite, Gray, Homogeneous Sample Not Analyzed			

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

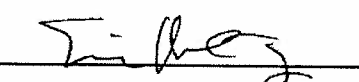
**EPA 600/M4-82-020; 600/R-93/116**


**Kevin Maloney**  
**Terracon Consultants Inc.**  
**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823893  
**Date Received:** 19-Aug-2008  
**Date Analyzed:** 22-Aug-2008  
**Date Reported:** 25-Aug-2008

**COH - 801 GILLETTE ST**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
180		Transite, Gray, Homogeneous Sample Not Analyzed			
181		Painted Wallboard, Yellow/ Brown/ White, Homogeneous	No		Cellulose Fiber 10% Other Non-Fibrous Material 90%
182		Painted Wallboard, Yellow/ Brown/ White, Homogeneous	No		Cellulose Fiber 10% Other Non-Fibrous Material 90%
183		Painted Wallboard, Yellow/ Brown/ White, Homogeneous	No		Cellulose Fiber 10% Other Non-Fibrous Material 90%
184		Caulking, Gray, Homogeneous	Yes	Chrysotile 2%	Other Non-Fibrous Material 98%
185		Caulking, Gray, Homogeneous	No	Chrysotile <1%	Other Non-Fibrous Material 100%
186		Caulking, Gray, Homogeneous	No	Chrysotile <1%	Other Non-Fibrous Material 100%

  
Eric Montoya Analyst

  
Lee W. Poye Lab Director

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**Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)**

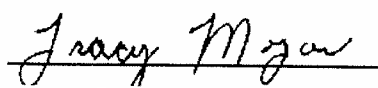
**EPA 600/M4-82-020; 600/R-93/116**


**Kevin Maloney**  
**Terracon Consultants Inc.**  
**11555 Clay Road Suite 100**  
**Houston TX 77043**

**J3 Order #:** JH0823991  
**Date Received:** 26-Aug-2008  
**Date Analyzed:** 29-Aug-2008  
**Date Reported:** 29-Aug-2008

**92087499**

Sample ID #	Location	Sample Description	Asbestos (Yes/No)	Asbestos Constituents	Non-Asbestos Constituents
187		LAYER 1 Mastic, Yellow, Homogeneous	No		Cellulose Fiber <1% Synthetic Fiber <1% Other Non-Fibrous Material 100%
		LAYER 2 Float, Gray, Homogeneous	Yes	Chrysotile 5%	Other Non-Fibrous Material 95%
		LAYER 3 Mastic, Black, Homogeneous	Yes	Chrysotile 3%	Other Non-Fibrous Material 97%
188		LAYER 1 Mastic, Yellow, Homogeneous	No		Cellulose Fiber <1% Synthetic Fiber <1% Other Non-Fibrous Material 100%
		LAYER 2 Float, Gray, Homogeneous	Yes	Chrysotile 5%	Other Non-Fibrous Material 95%
		LAYER 3 Mastic, Black, Homogeneous	Yes	Chrysotile 3%	Other Non-Fibrous Material 97%
189		LAYER 1 Mastic, Yellow, Homogeneous	No		Cellulose Fiber <1% Synthetic Fiber <1% Other Non-Fibrous Material 100%
		LAYER 2 Float, Gray, Homogeneous	Yes	Chrysotile 5%	Other Non-Fibrous Material 95%
		LAYER 3 Mastic, Black, Homogeneous	Yes	Chrysotile 3%	Other Non-Fibrous Material 97%

  
 Tracy Morgan Analyst

  
 Lee W. Poye Lab Director

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**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
Terracon Consultants, Inc.  
11555 Clay Road, Suite 100 • Houston, TX 77043

*Positive Stop.*

Page   1   of   1   Archive Samples for Return to Terracon - ☐ Yes ☒ No

**Terracon Project Information:**

Client: City Of Houston

Project Desc.: COH- 801 Gillette St

Project No.: 92087499

P.O. No.: 920295

Date: August 18 - 19, 2008

Relinquished By: [Signature]

Received By: Jimmie Page

**Inspector:**

Name / Signature: Mustafa T. Birader

License #: 60-2369

Jimmy Swallow

Report To: KPM

Date: RECEIVED Time:   

Date: AUG 19 2008 Time:   

**Lab Use Only:**

I-3 Job # JH0823893

Due Date:   

Due Time:   

**RESULTS**

Contact:   

Verbal - Date / Time:   

Fax - Date / Time:   

Initials:   

24-Hr Sample Positive Stop

2 Hour   

24 Hour   

2 Day   

3- Day   

Matrix   

Bulk   

Samples Received 140

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample #
1	Int. Door Frame caulk	SWAT - Kitchen - entry door		
2	Int. Door Frame caulk	Kitchen - entry door		
3	Int. Door Frame caulk	Kitchen - entry door		
4	Drywall top joint compound	Kitchen		
5	Drywall top joint compound	Kitchen		
6	Drywall top joint compound	Kitchen		
7	Drywall top joint compound	Kitchen		
8	Drywall top joint compound	Kitchen		
9	Ceiling texture	West Corridor		
10	Ceiling texture	West Corridor		

## BUILDING INSPECTION FORM / CHAIN OF CUSTODY

Terracon Consultants, Inc.

11555 Clay Road, Suite 100 • Houston, TX 77043

Page \_\_\_\_ of \_\_\_\_

Project Number: 92087499

J-3 Job Number: \_\_\_\_\_

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample NO.
- 11	Carling texture	West corridor		
- 12	Carling texture	West corridor		
- 13	Carling texture	West corridor		
- 14	Carpet Nastic	Team Leaders office		
- 15	Carpet Nastic	Team Leaders office		
- 16	Carpet Nastic	Team Leaders office		
- 17	Tectum board	Roof deck		
- 18	Tectum board	Roof deck		
- 19	Tectum board	Roof deck		
- 20	Floor tile (tan) Nastic (tan/black)	Secretary office		
- 21	Floor tile (tan) Nastic (tan/black)	Secretary office		
- 22	Floor tile (tan) Nastic (tan/black)	Secretary office		
- 23	HUPC foam Nastic (tan)	Mechanical room		
- 24	HUPC foam Nastic (tan)	Mechanical room		

## **BUILDING INSPECTION FORM / CHAIN OF CUSTODY**

Terracon Consultants, Inc.

11555 Clay Road, Suite 100 • Houston, TX 77043

Page \_\_\_\_ of \_\_\_\_

Project Number: 92087499

J-3 Job Number: \_\_\_\_\_

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample NO.
- 25	HVAC Seam Mastic (Grey)	Mechanical room		
- 26	HVAC Seam Mastic (white)	Mechanical room		
- 27	HVAC Seam Mastic (white)	Mechanical room		
- 28	HVAC Seam Mastic (white)	Mechanical room		
- 29	Ext window frame caulk	Ext North window		
- 30	Ext window frame caulk	Ext North window		
- 31	Ext window frame caulk	Ext North window		
- 32	Roofing material	Roof		
- 33	Roofing material	Roof		
- 34	Roofing material	Roof		
- 35	Ext concrete wall	Ext, N side		
- 36	Ext concrete wall	Ext, N side		
- 37	Ext concrete wall	Ext N side		
- 38	Susp Acoustical ceiling tiles	Service Writers Building main area		



**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
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11555 Clay Road, Suite 100 • Houston, TX 77043

Page \_\_\_\_ of \_\_\_\_

Project Number: 92087499

J-3 Job Number: \_\_\_\_\_

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample No.
- 39	Susp Acoust ceiling tile	North Area		
- 40	Susp Acoust ceiling tile	North Area		
- 41	Floor tile (white) Noise (air)	North Area		
- 42	Floor tile (white) Noise (air)	North Area		
- 43	Floor tile (white) Noise (air)	North Area		
- 44	Cove base Noise (air)	North Area		
- 45	Cove base Noise (air)	North Area		
- 46	Cove base Noise (air)	North Area		
- 47	Texas CMU Block	Vehicle Wash Area, West Bay		
- 48	Texas CMU Block	West Bay		
- 49	Texas CMU Block	West Bay		
- 50	Delmily Mount. (car report) Susp. Acoust. Ceiling tile	Office		
- 51	Susp Acoust. Ceiling tile	Office		
- 52	Susp Acoust. Ceiling tile	Office		

**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
Terracon Consultants, Inc.  
11555 Clay Road, Suite 100 • Houston, TX 77043

Page      of     

Project Number: **92087499**

J-3 Job Number:           

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample NO.
- 53	Wall tex joint comp	Office		
- 54	Wall tex joint comp	Office		
- 55	Wall tex joint comp	Office		
- 56	Core base plastic	Office		
- 57	Core base plastic	Office		
- 58	Core base plastic	Office		
- 59	Floor tile (cream) plastic (top)	Office	under carpet -	
- 60	Floor tile (cream) plastic (top)	Office		
- 61	Floor tile (cream) plastic (top)	Office		
- 62	Mount and (thick red) susp Acoust. Ceiling tile	Office		
- 63	Susp Acoust Ceiling tile	Office		
- 64	Susp Acoust Ceiling tile	Office		
- 65	Black tape	Office		
- 66	Black tape	Office		

**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
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11555 Clay Road, Suite 100 • Houston, TX 77043

Page      of           Project Number: **92087499**      J-3 Job Number:                     

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample No.
- 67	Black tape	Office		
- 68	Floor tile (tan) Mastic (tan)	Office	under carpet	
- 69	Floor tile (tan) Mastic (tan)	Office	under carpet	
- 70	Floor tile (tan) Mastic (tan)	Office	under carpet	
- 71	Mant. Bldg. (park storage) Pipe Insul. (Fiberglass) Finishing Mastic Storage			
- 72	Pipe Insul. (Fiberglass) Finishing Mastic Storage			
- 73	Pipe Insul. (Fiberglass) Finishing Mastic Storage			
- 74	Susp. Acoust. Ceiling tile	Lunch room		
- 75	Susp. Acoust. Ceiling tile	Lunch room		
- 76	Susp. Acoust. Ceiling tile	Lunch room		
- 77	Wall tile Joint compound	Lunch room		
- 78	Wall tile Joint compound	Lunch room		
- 79	Wall tile Joint compound	Lunch room		
- 80	HVAC Mastic (white)	Lunch room		

**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
Terracon Consultants, Inc.

11555 Clay Road, Suite 100 • Houston, TX 77043

Page      of     

Project Number: 92087499

J-3 Job Number:     

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample No.
- 81	HVAC Ductile (white)	Lumber		
- 82	HVAC Ductile (white)	Lumber		
- 83	Duct Ductile (gray)	2nd floor storage		
- 84	Duct Ductile (gray)	2nd floor storage		
- 85	Duct Ductile (gray)	2nd floor storage		
- 86	Floor tile (tan) Ductile (white)	2nd floor storage (at duct)		
- 87	Floor tile (tan) Ductile (white)	2nd floor storage (at duct)		
- 88	Floor tile (tan) Ductile (white)	2nd floor storage (at duct)		
- 89	Floor tile (white) Ductile (white)	2nd floor storage (at duct)		
- 90	Floor tile (white) Ductile (white)	2nd floor storage (at duct)		
- 91	Floor tile (white) Ductile (white)	2nd floor storage (at duct)		
- 92	Maintenance (equip) Susp. Against ceiling tile	Office		
- 93	Susp. Against ceiling tile	Office		
- 94	Susp. Against ceiling tile	Office		

**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**

Terracon Consultants, Inc.

11555 Clay Road, Suite 100 • Houston, TX 77043

Page \_\_\_\_ of \_\_\_\_

Project Number: 92087499

J-3 Job Number: \_\_\_\_\_

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample No.
- 95	Core base Masonic (for)	Office		
- 96	Core base Masonic (for)	Office		
- 97	Core base Masonic (for)	Office		
- 98	Floor tile (for) Masonic (for)	Office		
- 99	Floor tile (for) Masonic (for)	Office		
- 100	Floor tile (for) Masonic (for)	Office		
- 101	Expansion joint sealant	Ext. NW corner		
- 102	Expansion joint sealant	Ext. NW corner		
- 103	Expansion joint sealant	Ext. NW corner		
- 104	Welding shop Transfer panel	Soffit panel at bay door		
- 105	Transfer panel	Soffit panel at bay door		
- 106	Transfer panel	Soffit panel at bay door		
- 107	Office - Fire Shoring Dry wall	Ceiling deck		
- 108	Dry wall	Ceiling deck		

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample No.
- 109	Demurrall	ceiling disk		
- 110	Floor tile (top) Nastic (top)	Office	under carpet	
- 111	Floor tile (top) Nastic (top)	Office		
- 112	Floor tile (top) Nastic (top)	Office		
- 113	wall tile joint cap	Office		
- 114	wall tile joint cap	Office		
- 115	wall tile joint cap	Office		
- 116	Door frame sealant	Ext Door		
- 117	Door frame sealant	Ext Door		
- 118	Door frame sealant	Ext Door		
- 119	Exp joint sealant	Exp joint		
- 120	Exp joint sealant	Exp joint		
- 121	Exp joint sealant	Exp joint		
- 122	Office Bob Floor tile (top) Nastic (top)	Corridor		

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample NO.
- 123	Floor tile (gray) Plastic (top)	Corridor		
- 124	Floor tile (gray) Plastic (top)	Corridor		
- 125	Floor tile (cream) Plastic (top)	entry vestibule		
- 126	Floor tile (cream) Plastic (top)	entry vestibule		
- 127	Floor tile (cream) Plastic (top)	entry vestibule		
- 128	Susp. Acoust. Ceiling tile	corridor		
- 129	Susp Acoust Ceiling tile	corridor		
- 130	Susp Acoust Ceiling tile	corridor		
- 131	Ceiling <del>tile</del> joint comp	Corridor		
- 132	Ceiling tile joint comp	Hallway		
- 133	Ceiling tile joint comp.	Vestibule		
- 134	Wall tile joint comp	Corridor	above ceiling	
- 135	Wall tile joint comp	Vestibule		
- 136	Wall tile joint comp	Main Room		

**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
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Page \_\_\_\_ of \_\_\_\_

Project Number: 0

J-3 Job Number: \_\_\_\_\_

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample No.
- 137	Wall base paint and	Down supply storage		
- 138	Wall base paint and	Entrance		
- 139	Base coat plastic (tan)	Corridor		
- 140	Base coat plastic (tan)	Down supply storage		
- 141	Base coat plastic (tan)	Corridor		
- 142	Carpet plastic	Open area		
- 143	Carpet plastic	Open area		
- 144	Carpet plastic	Open area		
- 145	Floor tile (cream) plastic (tan)	Storage closet		
- 146	Floor tile (cream) plastic (tan)	Storage closet		
- 147	Floor tile (cream) plastic (tan)	Storage closet		
- 148	Pipe insul. plastic	Meat room		
- 149	Pipe insul. plastic	Meat room		
- 150	Pipe insul. plastic	Meat room		



**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
Terracon Consultants, Inc.

11555 Clay Road, Suite 100 • Houston, TX 77043

Page 1 of 1

Project Number: **91087060**

J-3 Job Number:           

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample NO.
151 26	WHITE SPARK MASTIC	ROCK ROOM		
152 26	WHITE SPARK MASTIC	ROCK ROOM		
153 26	WHITE SPARK MASTIC	ROCK ROOM		
154 26	WALL PANEL	CONFERENCE ROOM		
155 26	WALL PANEL	CONFERENCE ROOM		
156 26	WALL PANEL	CONFERENCE ROOM		
157 26	WINDOW FRAME SEALANT	EXT WINDOW		
158 26	WINDOW FRAME SEALANT	-		
159 26	WINDOW FRAME SEALANT	-		
160 26	WINDOW GLAZING	-		
161 26	WINDOW GLAZING	-		
162 26	WINDOW GLAZING	-		
163 26	DOOR FRAME SEALANT	EXT DOOR		
164 26	DOOR FRAME SEALANT	-		

**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
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11555 Clay Road, Suite 100 • Houston, TX 77043

Page      of     

Project Number: 0

J-3 Job Number:     

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample NO.
165	Door frame sealant	Expt. Door		
166	Bituminous Mastic	Roofing (ext)		
167	Bituminous Mastic	-		
168	Bituminous Mastic	-		
169	Expt. concrete	Expt. concrete		
170	Expt. concrete	-		
171	Expt. concrete	-		
172	Roofing Material	Roof		
173	Roofing Material	Roof		
174	Roofing Material	Roof		
175	Duct Mastic	Duct		
176	Duct Mastic	Roof		
177	Duct Mastic	Roof		
178	Transistor	Expt. Panels		

**BUILDING INSPECTION FORM / CHAIN OF CUSTODY**  
Terracon Consultants, Inc.  
11555 Clay Road, Suite 100 • Houston, TX 77043

Page      of     

Project Number: **91087060**

J-3 Job Number:           

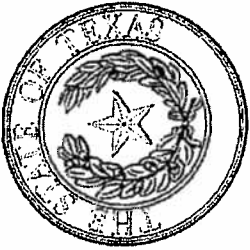
Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample NO.
179	Tronsta	Ext Panels		
180	Tronsta	Ext Panels		
181	Calvin the joint wrap	Other		
182	Calvin the joint wrap	Other		
183	Calvin the joint wrap	Other		
184	Door frame substrate	Ext Door		
185	Door frame substrate	Ext Door		
186	Door frame substrate	Ext Door		
47				
48				
49				
50				
51				
52				

Sample No.	Material Description	Sample Description / Location	Field Notes	J-3 Sample No.
179	Transite	End Panels		
180	Transite	End Panels		
181	Carbon fiber joint wrap	Other		
182	Carbon fiber joint wrap	Other		
183	Carbon fiber joint wrap	Other		
184	Door frame substrate	End Door		
185	Door frame substrate	End Door		
186	Door frame substrate	End Door		
187	Office Building Floor H/C + Black Mastic	Open Area - Under Carpet	Under Carpet	
188	"	Open Area	"	
189	"	Open Area	"	
50				
51				
52	Photos of Pivots			

8/26/08 8-26-08 11:54

**APPENDIX C**

**LICENSES**



# TEXAS DEPARTMENT OF STATE HEALTH SERVICES

*Be it known that*

**TERRACON INC DBA HBC / TERRACON, INC**

*is certified to perform as a*

**Asbestos Consultant Agency**

*in the State of Texas within the purview of Texas Occupations Code, chapter 1954,  
so long as this license is not suspended or revoked and is renewed according to the  
rules adopted by the Texas Board of Health.*

*Eduardo J. Sanchez, M.D., M.P.H.  
Commissioner of Health*

*License Number: 100157*

*Effective Date: 12/1/2006*

*Expiration Date: 11/30/2008*

*(Void After Expiration Date)*

VOID IF ALTERED

Control Number: 94930

NON-TRANSFERABLE



**TEXAS**  
Department of  
State Health Services

Control No:  
**95550**

Department of State Health Services certifies that:

**KEVIN P MALONEY**

is Licensed as an:

Asbestos Individual Consultant

License Number: **105547**

Expiration Date: **1/12/2010**





**TEXAS**  
Department of  
State Health Services

Control No:  
95672

Department of State Health Services certifies that:

**JAMES S SUMRALL JR**

is Licensed as an:

**Asbestos Inspector**

License Number: 601045

Expiration Date: 6/6/2009







**TEXAS**  
Department of  
State Health Services

Control No:

95644

Department of State Health Services certifies that:

**MUSTAFA T BIRADER**

is Licensed as an:

**Asbestos Inspector**

**License Number: 602369**

**Expiration Date: 1/8/2010**

